

8.7	GEN II & GEN III		2.30	71.35	70	73.15	89	71.65	164	BLACK	30u"	4-1734774-8
5.45				38.35	37	40.15	56	38.65	98	WHITE		4-1734774-7
3.85				21.35	20	23.15	39	21.65	64	BLACK		4-1734774-6
2.55				7.35	6	9.15	25	7.65	36	WHITE		4-1734774-5
8.7				71.35	70	73.15	89	71.65	164	BLACK		4-1734774-4
5.45				38.35	37	40.15	56	38.65	98	WHITE		4-1734774-3
3.85				21.35	20	23.15	39	21.65	64	BLACK		4-1734774-2
2.55				7.35	6	9.15	25	7.65	36	WHITE		4-1734774-1
8.7				71.35	70	73.15	89	71.65	164	BLACK	15u"	4-1734774-0
5.45				38.35	37	40.15	56	38.65	98	WHITE	G/F	3-1734774-9
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	3-1734774-8
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	3-1734774-7
8.7				38.35	37	40.15	56	38.65	98	BLACK	15u"	3-1734774-6
5.45				21.35	20	23.15	39	21.65	64	WHITE	G/F	3-1734774-5
3.85				7.35	6	9.15	25	7.65	36	BLACK	15u"	3-1734774-4
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	3-1734774-3
8.7	GEN II & GEN III		3.10	71.35	70	73.15	89	71.65	164	BLACK	30u"	2-1734774-2
5.45				38.35	37	40.15	56	38.65	98	WHITE		2-1734774-1
3.85				21.35	20	23.15	39	21.65	64	BLACK		2-1734774-0
2.55				7.35	6	9.15	25	7.65	36	WHITE		1-1734774-9
8.7				71.35	70	73.15	89	71.65	164	BLACK		1-1734774-8
5.45				38.35	37	40.15	56	38.65	98	WHITE		1-1734774-7
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	1-1734774-6
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	1-1734774-5
8.7				38.35	37	40.15	56	38.65	98	BLACK	15u"	1-1734774-4
5.45				21.35	20	23.15	39	21.65	64	WHITE	G/F	1-1734774-3
3.85				7.35	6	9.15	25	7.65	36	BLACK	15u"	1-1734774-2
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	1-1734774-1
8.7				38.35	37	40.15	56	38.65	98	BLACK	15u"	1-1734774-0
5.45				21.35	20	23.15	39	21.65	64	WHITE	G/F	1-1734774-9
3.85				7.35	6	9.15	25	7.65	36	BLACK	15u"	1-1734774-8
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	1-1734774-7
WEIGHT(g)	PCI-E COMPLIANCE	HOUSING MATERIAL	DIM. L	DIM. E	DIM. D	DIM. C	DIM. B	DIM. A	POS.	HOUSING COLOR	MIN. GOLD THICKNESS	PART NUMBER

8.8	GEN II	PA46	2.30	71.35	70	73.15	89	71.65	164	BLACK	30u"	9-1734774-7
5.5				38.35	37	40.15	56	38.65	98	WHITE		9-1734774-6
3.9				21.35	20	23.15	39	21.65	64	BLACK		9-1734774-5
2.55				7.35	6	9.15	25	7.65	36	WHITE		9-1734774-4
8.8				71.35	70	73.15	89	71.65	164	BLACK		9-1734774-3
5.5				38.35	37	40.15	56	38.65	98	WHITE		9-1734774-2
3.9				21.35	20	23.15	39	21.65	64	BLACK		9-1734774-1
2.55				7.35	6	9.15	25	7.65	36	WHITE		9-1734774-0
8.8				71.35	70	73.15	89	71.65	164	BLACK	15u"	8-1734774-9
5.5				38.35	37	40.15	56	38.65	98	WHITE	G/F	8-1734774-8
3.9				21.35	20	23.15	39	21.65	64	BLACK	15u"	8-1734774-7
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	8-1734774-6
8.8				38.35	37	40.15	56	38.65	98	BLACK	15u"	8-1734774-5
5.5				21.35	20	23.15	39	21.65	64	WHITE	G/F	8-1734774-4
3.9				7.35	6	9.15	25	7.65	36	BLACK	15u"	8-1734774-3
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	8-1734774-2
8.8	GEN II	PA46	3.10	71.35	70	73.15	89	71.65	164	BLACK	30u"	7-1734774-3
5.5				38.35	37	40.15	56	38.65	98	WHITE		7-1734774-2
3.9				21.35	20	23.15	39	21.65	64	BLACK		7-1734774-1
2.55				7.35	6	9.15	25	7.65	36	WHITE		7-1734774-0
8.8				71.35	70	73.15	89	71.65	164	BLACK		6-1734774-9
5.5				38.35	37	40.15	56	38.65	98	WHITE		6-1734774-8
3.9				21.35	20	23.15	39	21.65	64	BLACK		6-1734774-7
2.55				7.35	6	9.15	25	7.65	36	WHITE		6-1734774-6
8.8				71.35	70	73.15	89	71.65	164	BLACK	15u"	6-1734774-5
5.5				38.35	37	40.15	56	38.65	98	WHITE	G/F	6-1734774-4
3.9				21.35	20	23.15	39	21.65	64	BLACK	15u"	6-1734774-3
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	6-1734774-2
8.8				38.35	37	40.15	56	38.65	98	BLACK	15u"	6-1734774-1
5.5				21.35	20	23.15	39	21.65	64	WHITE	G/F	6-1734774-0
3.9				7.35	6	9.15	25	7.65	36	BLACK	15u"	5-1734774-9
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	5-1734774-8
WEIGHT(g)	PCI-E COMPLIANCE	HOUSING MATERIAL	DIM. L	DIM. E	DIM. D	DIM. C	DIM. B	DIM. A	POS.	HOUSING COLOR	MIN. GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± 0.15
4 PLC ± -
ANGLES ± 3°

FINISH

DWN
B. HSING
CHK
S. CHIEN
APVD
W. KODAMA

15JUL2009
15JUL2009
15JUL2009

PRODUCT SPEC
108-57871
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

TE Connectivity

NAME
PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE
A3

CAGE CODE
00779

DRAWING NO
C=1734774

RESTRICTED TO
-

SCALE
-

SHEET
1 of 5

REV
F7

4

3

2

1

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DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—

NOTES:

1. MATERIAL:

- 1.1 HOUSING: 1.PA46 WITH 40% G.F, UL94 V-0, COLOR: SEE TABLE.
2.PA9T WITH 30% GF, UL94 V-0, COLOR: SEE TABLE.

1.2 CONTACT: PHOSPHOR BRONZE

2. FINISH:

CONTACT: (SEE TABLE) GOLD PLATING ON CONTACT AREA.

2.54um [100u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.

1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.

3. CONNECTOR HAS MET THE REQUIREMENTS

PER PCI EXPRESS GEN 2 TECHNICAL DOCUMENT.

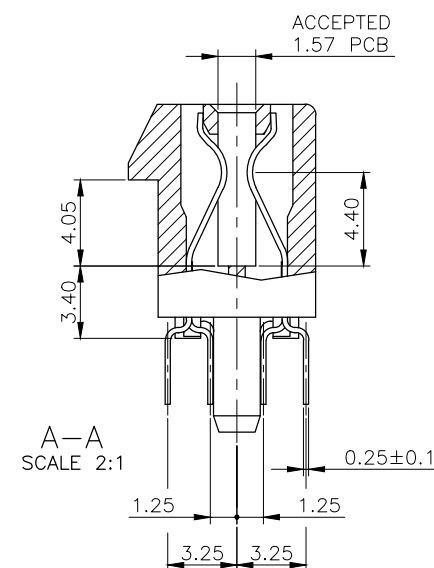
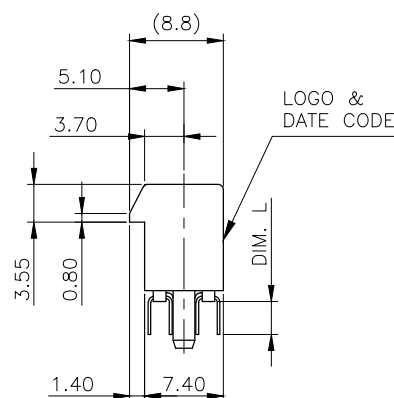
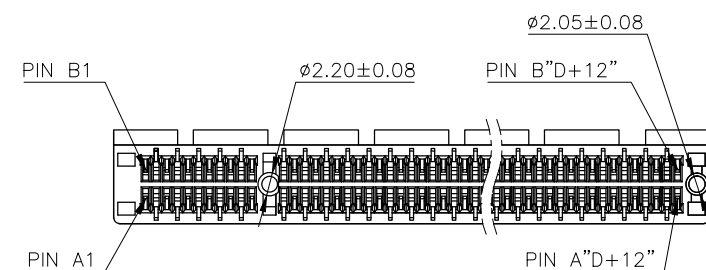
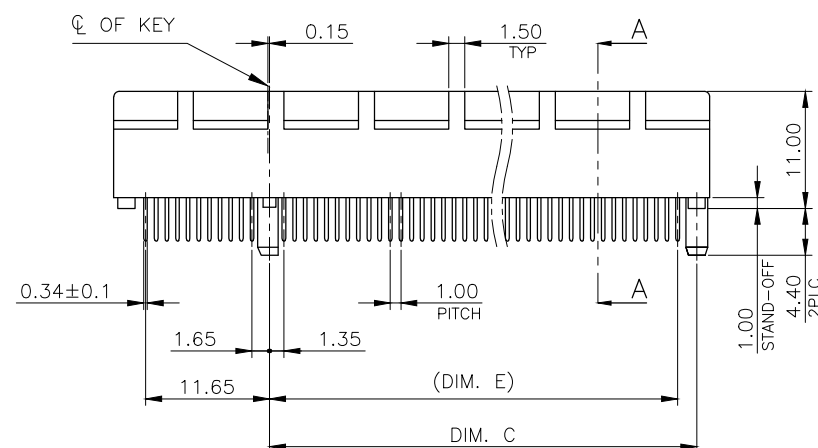
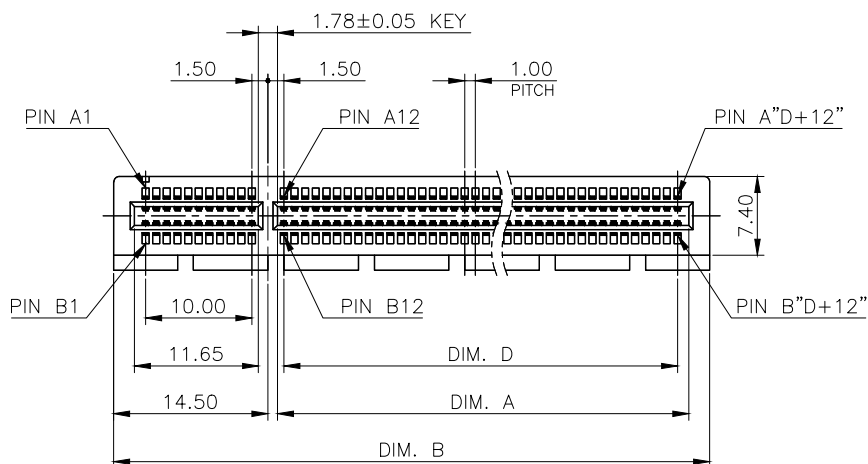
4. WEIGHT:

36 POS.: 2.55 GRAMS; 64 POS.: 3.90 GRAMS

98 POS.: 5.50 GRAMS; 164 POS.: 8.80 GRAMS

5. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC. 109-202 CONDITION B.

△ REFLOW SOLDER CAPABLE TO 260°C PER TEST SPEC. 109-201 CONDITION B.
(REFLOW SOLDERING PLEASE USE PN : 1734774-1 TO 4-1734774-8)

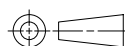


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DIMENSIONS:

MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:



0 PLC ± -
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± 0.15
4 PLC ± -
ANGLES ± 3°

MATERIAL

SEE NOTE

FINISH

SEE NOTE

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

SEE NOTE 4

CUSTOMER DRAWING

TE

TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1734774

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SHEET

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REV F7

4

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2

1

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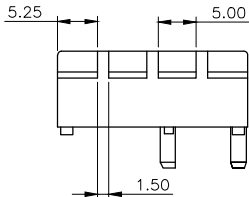
DESCRIPTION

DATE

DWN

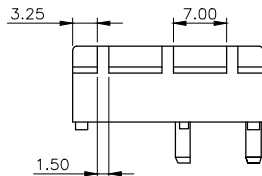
APVD

SEE SHEET 1.

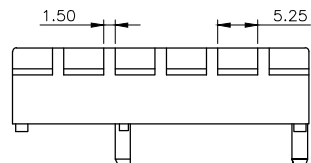


PN X-1 TO 4-X-8
(PA9T TYPE)

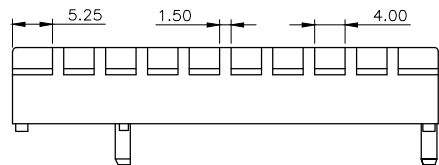
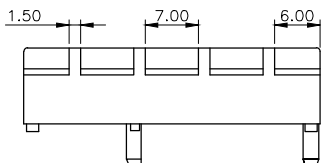
36 POS.



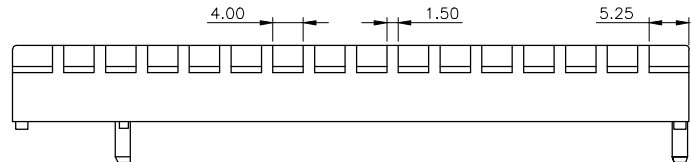
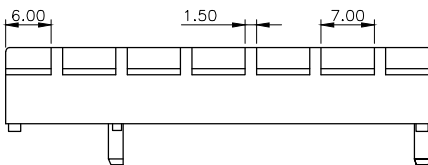
PN 5-X-0 TO 9-X-7
(PA46 TYPE)



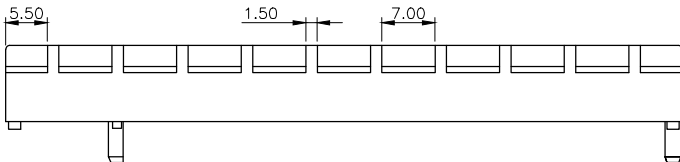
64 POS.



98 POS.



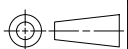
164 POS.



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DIMENSIONS:

MM



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.25
2 PLC ± 0.25
3 PLC ± 0.25
4 PLC ± -
ANGLES ± -

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1734774

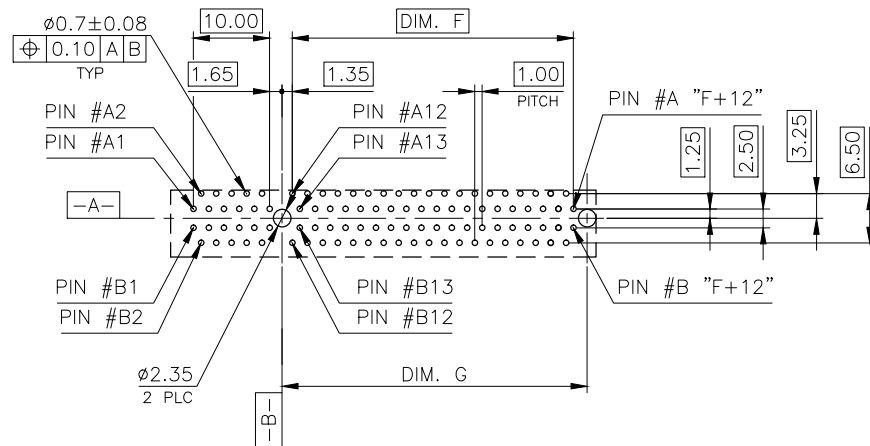
SCALE

SHEET

3 of 5

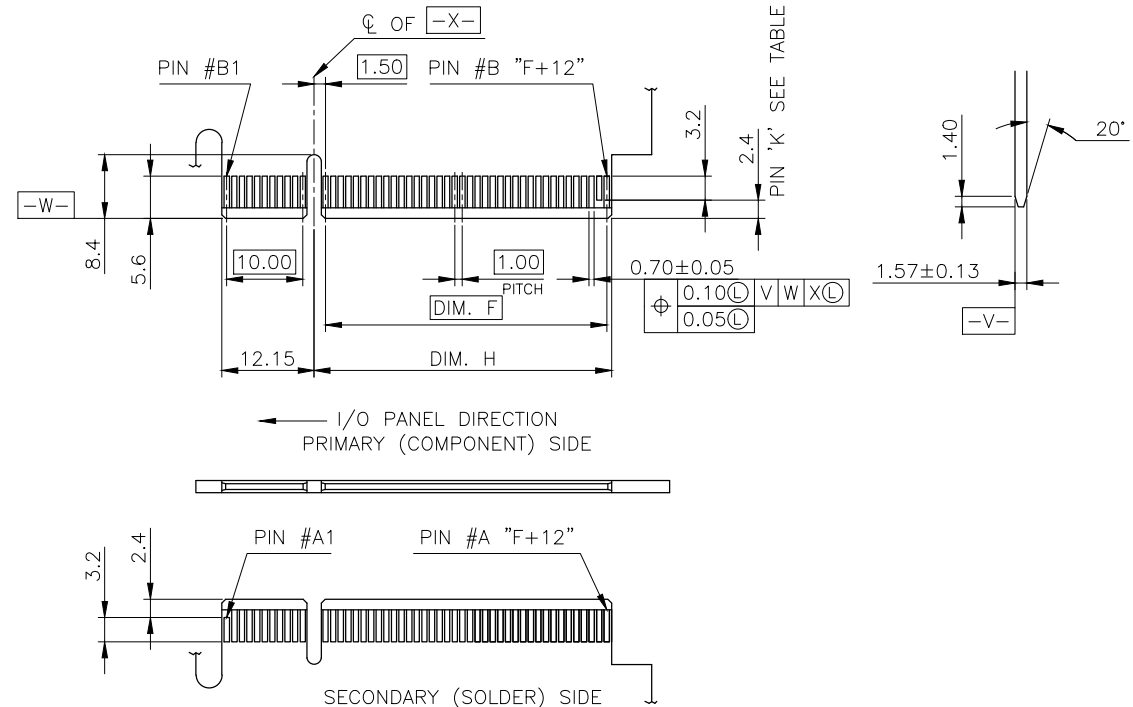
REV

F7



RECOMMENDED PCB LAYOUT

TOLERANCE: ± 0.05
FOR DIM.L=3.1mm PCB THICKNESS: 2.4mm
FOR DIM.L=2.3mm PCB THICKNESS: 1.6mm



164	70.0	73.15	72.15	B17, B31, B48, B81
98	37.0	40.15	39.15	B17, B31, B48
64	20.0	23.15	22.15	B17, B31
36	6.0	9.15	8.15	B17
POS.	DIM. F	DIM. G	DIM. H	"K"

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DWN	
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CHK

APVD

APVD

PRODUCT SPEC

APPLICATION SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

STE

TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

E	DRAWING NO
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REV

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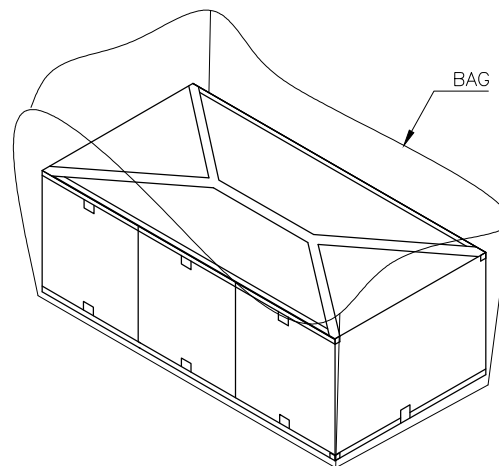
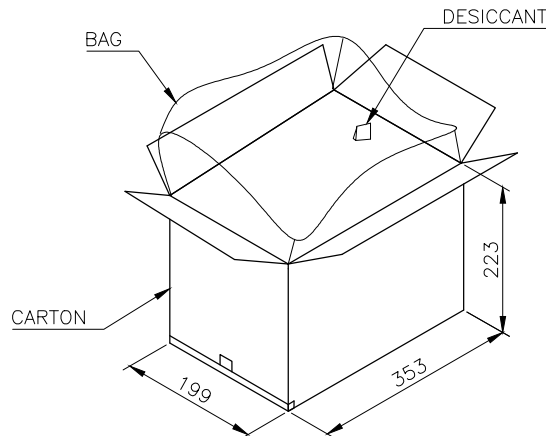
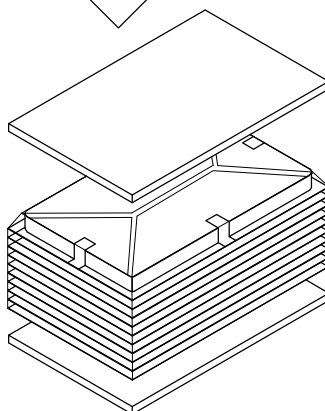
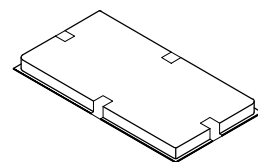
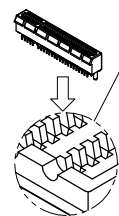
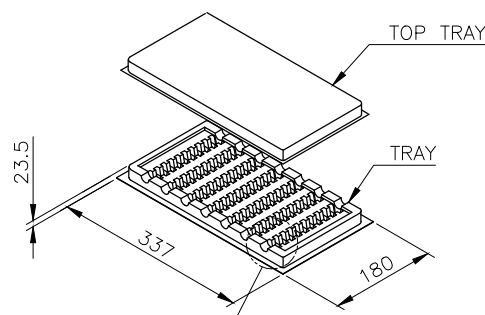
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LOC
DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



NOTES :

1. MATERIAL :

TRAY : PVC, COLOR: TRANSPARENT.

CARTON: CORRUGATED FIBER

BOX: CORRUGATED FIBER

2. DIMENSION :

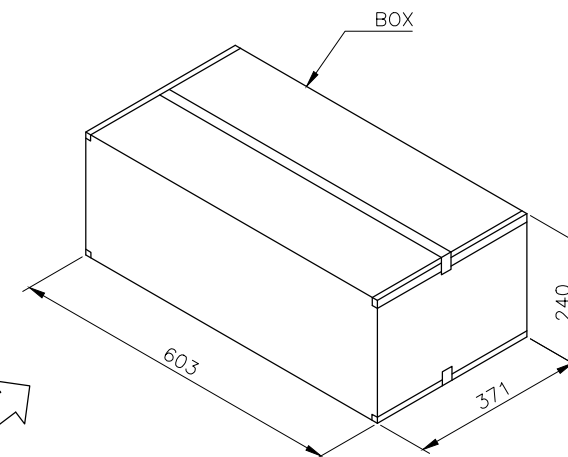
TRAY: SEE DRAWING

CARTON: SEE DRAWING

BOX : SEE DRAWING

3. QUANTITY : SEE TABLE

4. WEIGHT : SEE TABLE

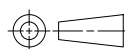


10.2 Kg	8.2 Kg	30	10	3	900	164
9.0 Kg	7.0 Kg	40	10	3	1200	98
8.5 Kg	6.5 Kg	60	10	3	1800	64
7.6 Kg	5.6 Kg	70	10	3	2100	36
GROSS WEIGHT	NET WEIGHT	PCS/ TRAY	TRAY/ CARTON	CARTON/ BOX	PCS/ BOX	POS.

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DIMENSIONS:

MM



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
 1 PLC ± -
 2 PLC ± -
 3 PLC ± -
 4 PLC ± -
 ANGLES ± -

MATERIAL

FINISH

DWN

CHK

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WEIGHT

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TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE

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